LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
Data File : BG029305.D
Acq On : 17 Oct 2017 17:33
Operator : SJ/JU
Sample : I5794-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ENV-105-4(5-10)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.245	327	333	345	rBV	243536	384941	8.88%	1.534%
2	5.721	405	414	424	rBV	867026	1388421	32.02%	5.533%
3	7.319	677	686	700	rBV	946189	1765295	40.72%	7.035%
4	7.701	743	751	769	rVB	928854	1613373	37.21%	6.429%
5	8.171	823	831	838	rBV	242227	420581	9.70%	1.676%
6	8.494	878	886	895	rBV	708780	1230887	28.39%	4.905%
7	9.334	1021	1029	1042	rBV	613251	1080821	24.93%	4.307%
8	10.985	1302	1310	1320	rBV	376812	690875	15.94%	2.753%
9	12.284	1524	1531	1539	rBV	94024	154252	3.56%	0.615%
10	13.412	1715	1723	1733	rBV	1845356	2897125	66.82%	11.545%
11	14.229	1855	1862	1869	rBV	317687	469173	10.82%	1.870%
12	14.787	1950	1957	1966	rVB2	637816	1034941	23.87%	4.124%
13	16.132	2179	2186	2192	rBV	593932	854922	19.72%	3.407%
14	16.267	2202	2209	2222	rBV	1315101	2011023	46.39%	8.014%
15	17.525	2417	2423	2431	rVB2	849610	1278419	29.49%	5.094%
16	20.116	2858	2864	2873	rBV	3334641	4335487	100.00%	17.276%
17	21.414	3081	3085	3097	rBV2	82670	152368	3.51%	0.607%
18	21.796	3143	3150	3158	rBV	892598	1484141	34.23%	5.914%
19	22.777	3301	3317	3326	rBV	76152	391098	9.02%	1.558%
20	25.104	3702	3713	3733	rBV2	429846	1456616	33.60%	5.804%

Sum of corrected areas: 25094759

LSC Report - Integrated Chromatogram

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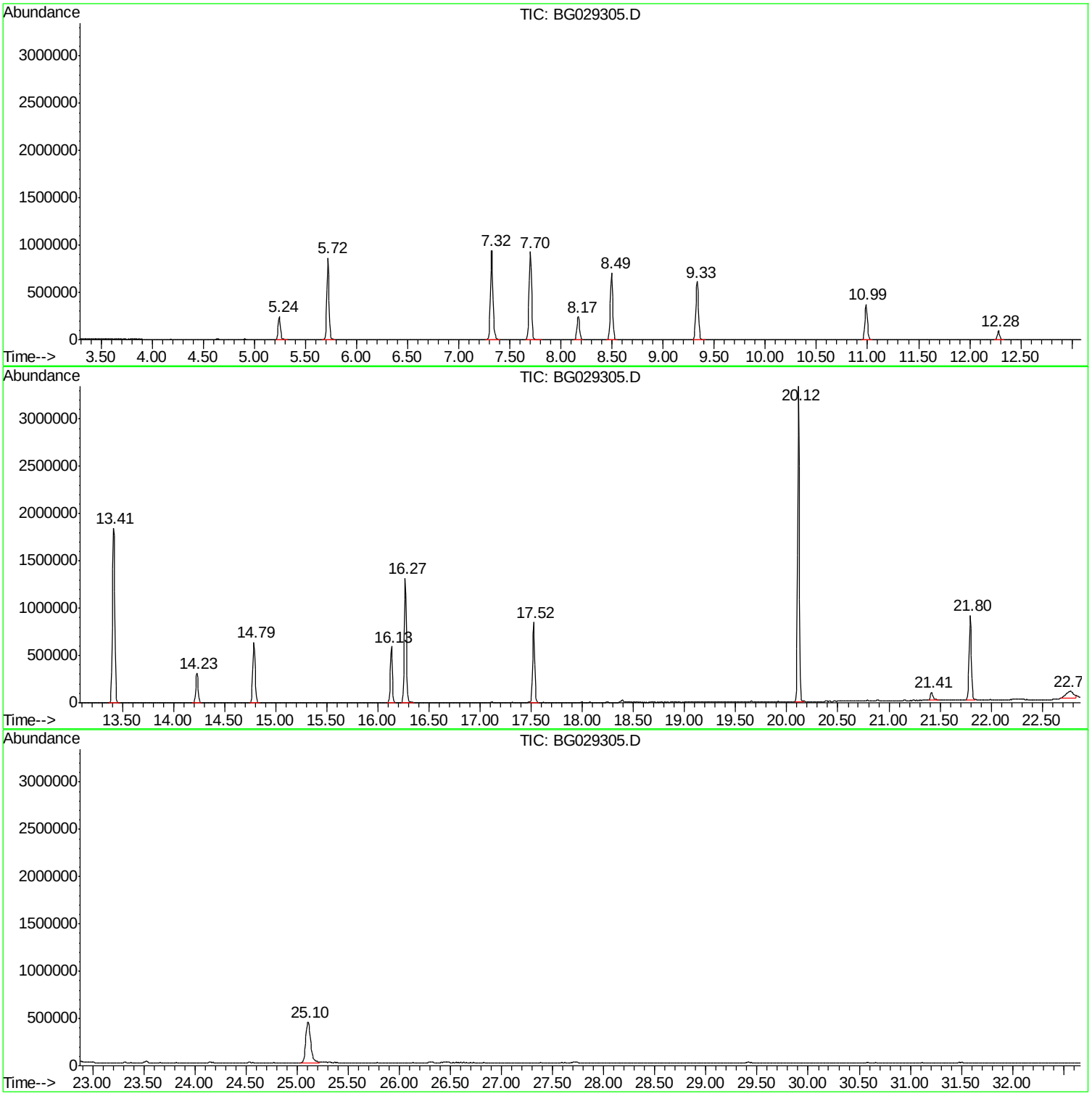
Instrument : BNA_G
ClientSampleId : ENV-105-4(5-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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TIC Integration Parameters: LSCINT.P

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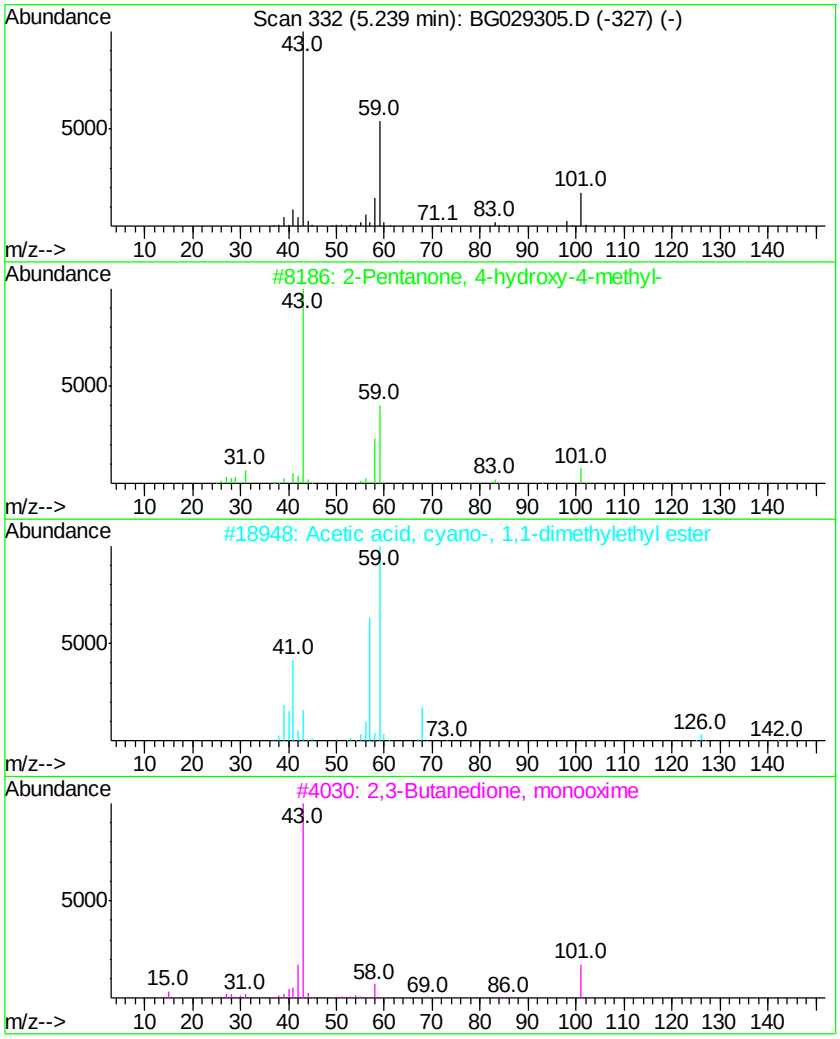
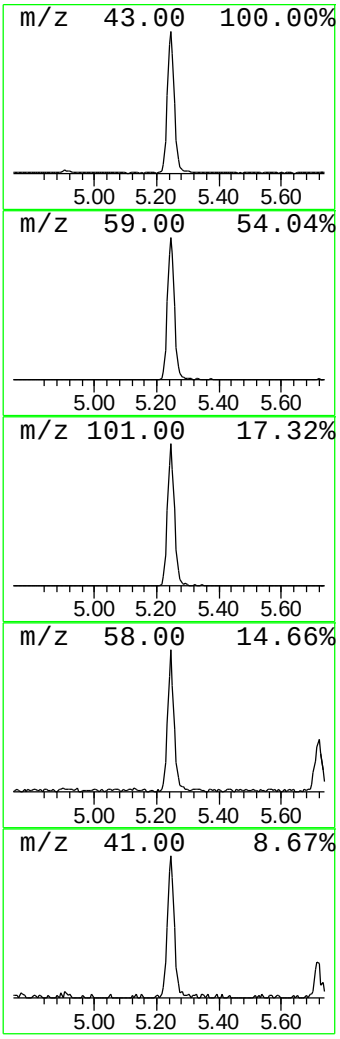
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	18.31 ng	384941	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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ClientSampleId : ENV-105-4(5-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
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TIC Library : C:\Database\NIST11.L
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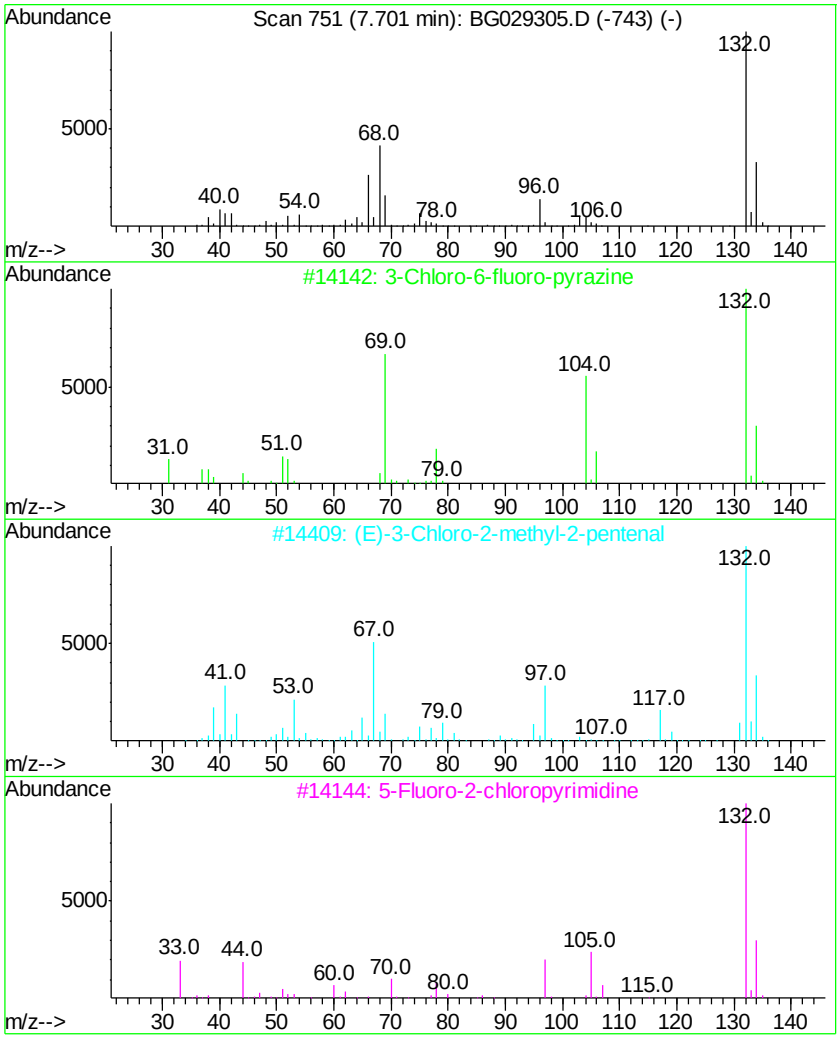
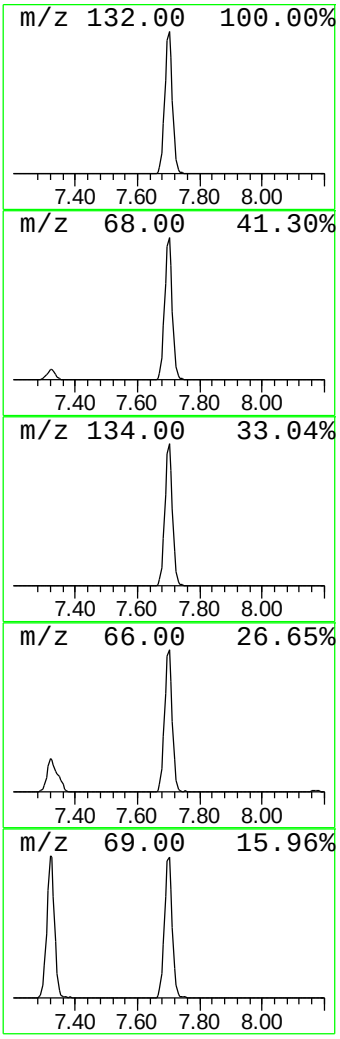
Peak Number 2 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	76.72 ng	1613370	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Sample : I5794-08
Misc :
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Instrument : BNA_G
ClientSampleId : ENV-105-4(5-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
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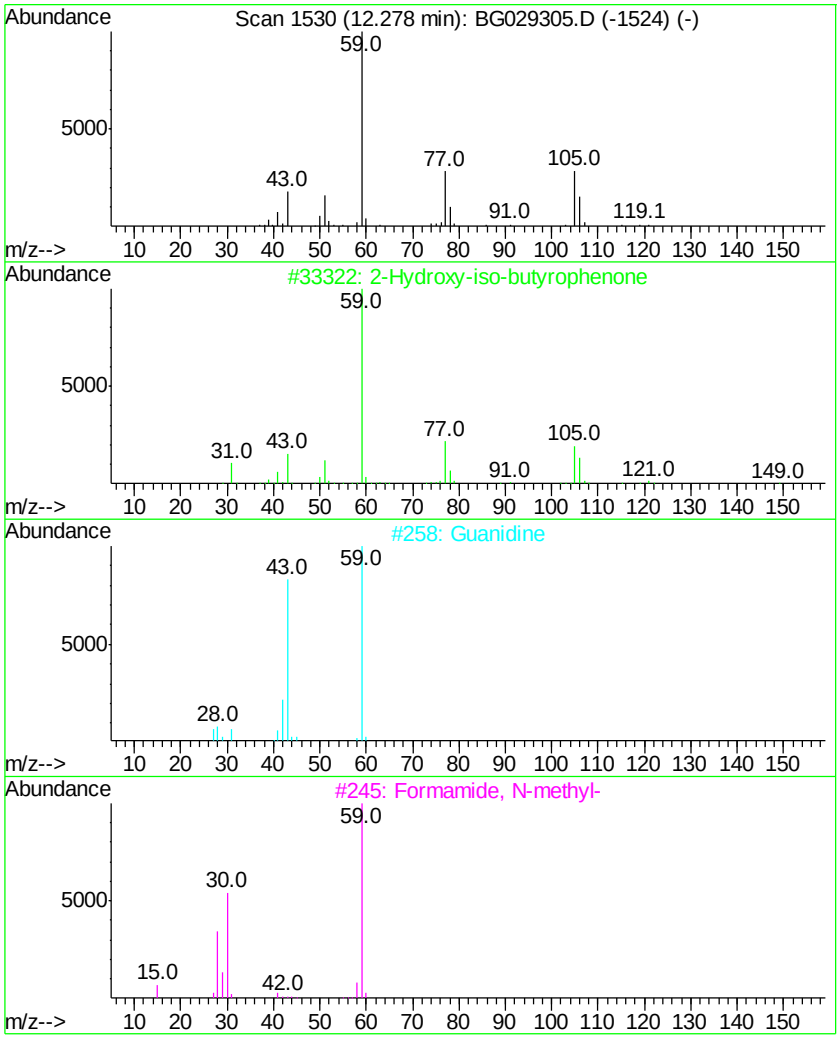
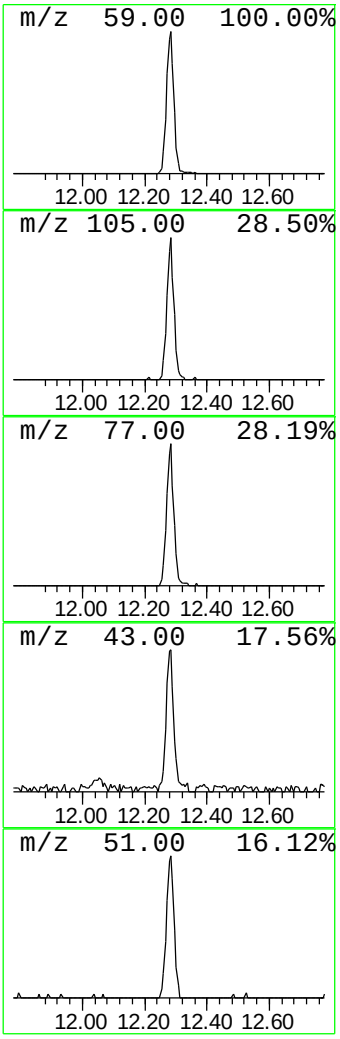
Peak Number 4 2-Hydroxy-iso-butyrophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	4.47 ng	154252	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	74
2	Guanidine	59	CH5N3	000113-00-8	7
3	Formamide, N-methyl-	59	C2H5NO	000123-39-7	5
4	Acetamide	59	C2H5NO	000060-35-5	5
5	3-Methyl-6-ethyl--2,4-dioxadecane	188	C11H24O2	1000334-83-2	4





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Instrument : BNA_G
ClientSampleId : ENV-105-4(5-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
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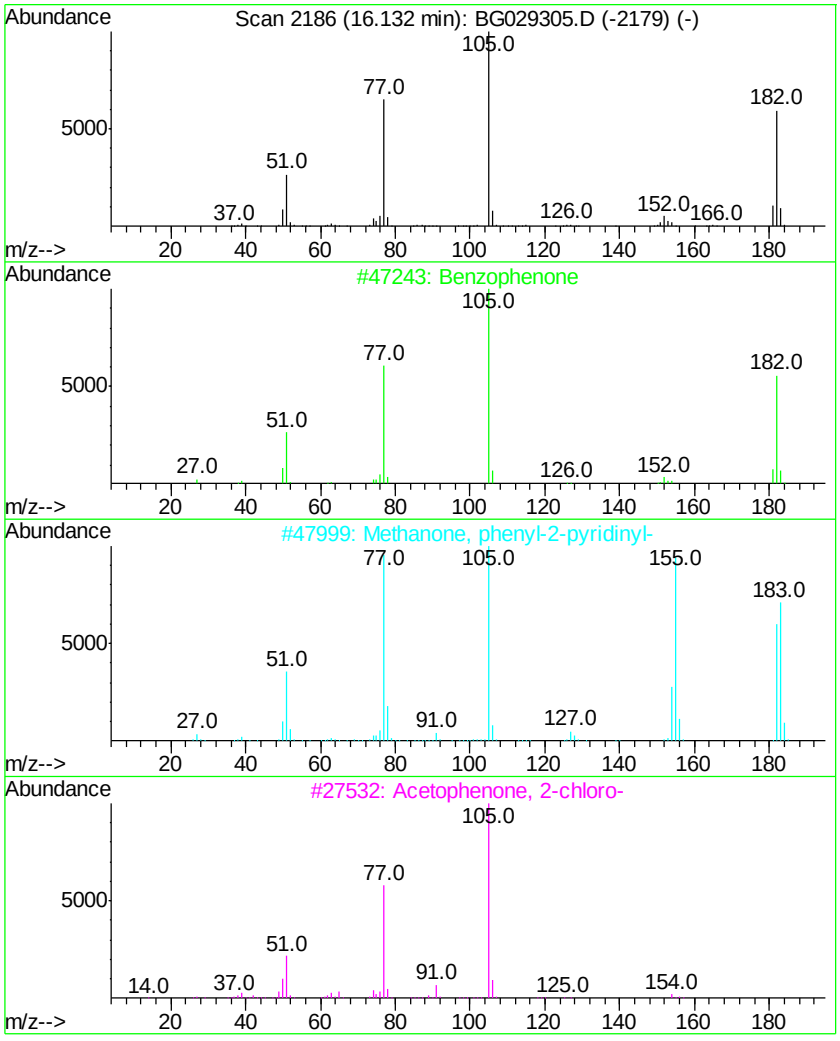
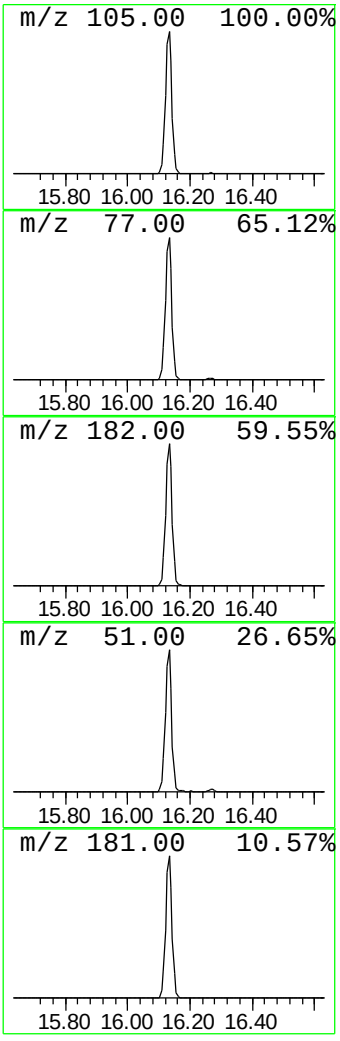
Peak Number 5 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	16.52 ng	854922	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	64
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	46
5	1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	43





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Instrument : BNA_G
ClientSampleId : ENV-105-4(5-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
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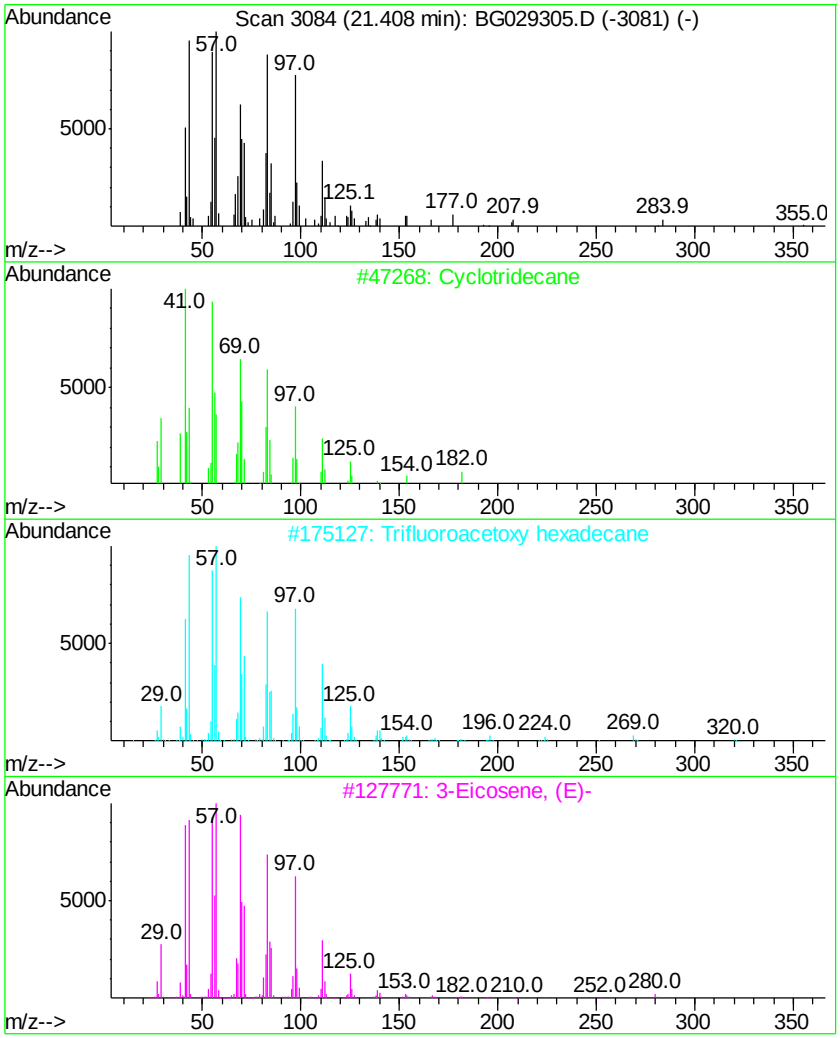
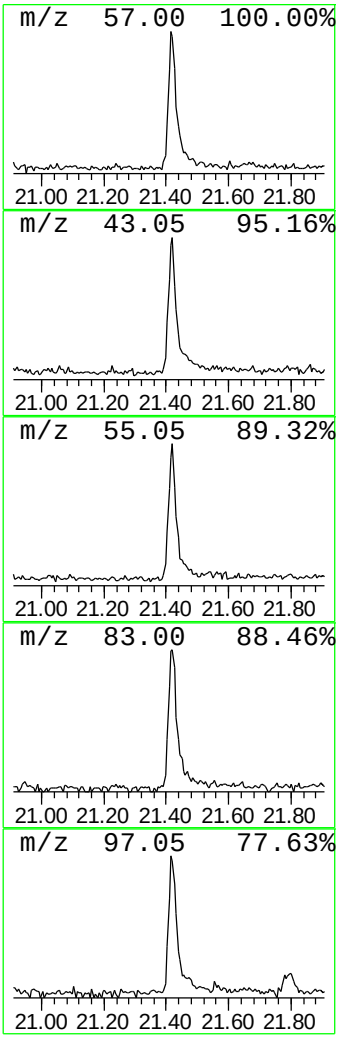
Peak Number 6 Cyclotridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	2.05 ng	152368	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotridecane	182	C13H26	000295-02-3	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91





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Instrument : BNA_G
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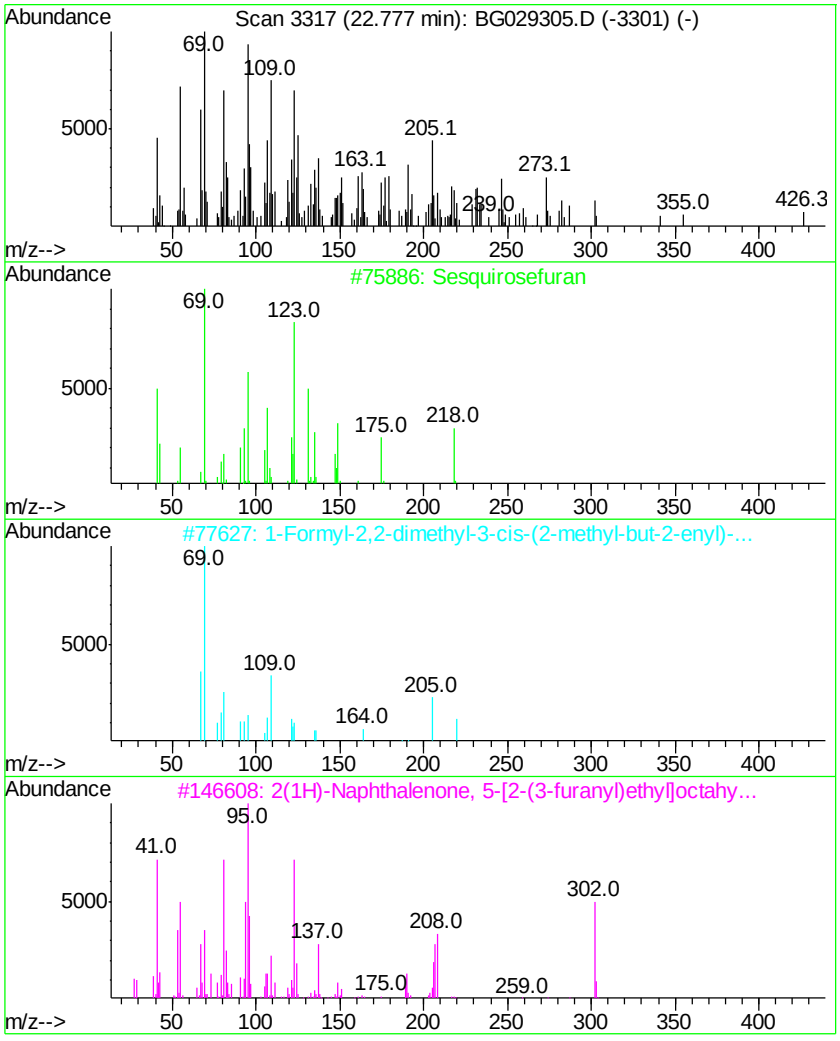
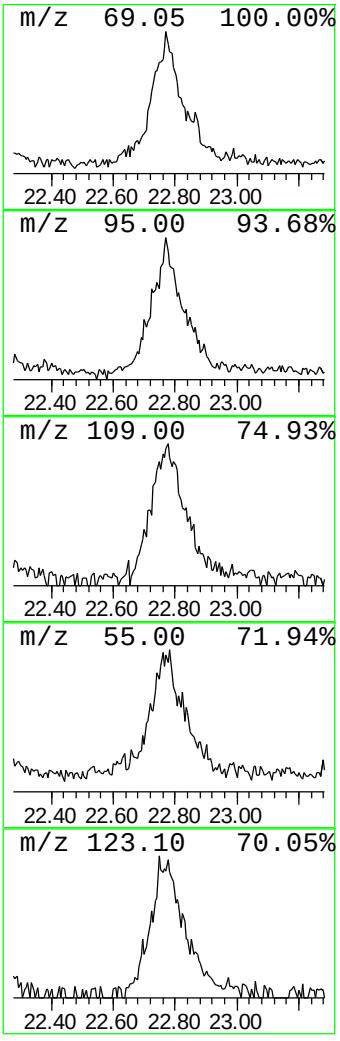
Peak Number 7 unknown22.78 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.78	5.27 ng	391098	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sesquirosefuran	218	C15H22O	039007-93-7	44
2	1-Formyl-2,2-dimethyl-3-cis-(2-m...	220	C15H24O	1000144-10-0	42
3	2(1H)-Naphthalenone, 5-[2-(3-fur...	302	C20H30O2	059742-40-4	41
4	Androstan-3,17-dione, 9,11-epoxy-	302	C19H26O3	1000128-33-8	38
5	(+)-(Z)-Longipinane	206	C15H26	1000156-12-3	38





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.24	18.3	ng	384941	1	8.17	420581	20.0
unknown7.70	7.70	76.7	ng	1613370	1	8.17	420581	20.0
2-Hydroxy-iso-but...	12.28	4.5	ng	154252	2	10.99	690875	20.0
Benzophenone	16.13	16.5	ng	854922	3	14.79	1034940	20.0
Cyclotridecane	21.41	2.0	ng	152368	5	21.80	1484140	20.0
unknown22.78	22.78	5.3	ng	391098	5	21.80	1484140	20.0